

Form PTO-1449	Docket Number 416272003700	Application Number 10/664,513
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Mare K. HELLERSTEIN	
(Use several sheets if necessary)	Filing Date September 16, 2003	Group Art Unit 1645
	Mailing Date December 20, 2004	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
PCW	1.	10/5/1999	US 5,961,470	Wagner et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
PCW	2.	Ajie, H. O. et al. (1995). "In Vivo Study of the Biosynthesis of Long-Chain Fatty Acids Using Deuterated Water" <i>American Physiological Society</i> , pp. E247-E252.
PCW	3.	Bier, D. M. (1997) "Stable isotopes in biosciences, their measurement and models for amino acid metabolism" <i>Eur J Pediatr</i> 156 [Supp. 1]: S2-S8.
PCW	4.	Gygi, Steven and Ruedi Aebersold (2000) "Using mass spectrometry for quantitative proteomics" <i>Proteomics: A Trends Guide</i> : 31-36.
PCW	5.	Hansen, Andrew P. et al. (1992) "A Practical Method for Uniform Isotopic Labeling of Recombinant Proteins in Mammalian Cells" 31 (51): 12713-12718.
PCW	6.	International Search Report for PCT application PCT/US03/23340, filed July 25, 2003, mailed August 18, 2004: 4 pages.
PCW	7.	International Search Report for PCT application PCT/US03/29526, filed September 16, 2003, mailed August 18, 2004: 3 pages.
PCW	8.	Jones, Peter J. H. et al. (1994). "Interaction of Dietary Fat Saturation and Cholesterol Level on Cholesterol Synthesis Measured Using Deuterium Incorporation" <i>Journal of Lipid Research</i> , (35): 1093-1101.
PCW	9.	Ong, Shao-En et al. (2002) "Stable Isotope Labeling by Amino Acids in Cell Culture, SILAC, as a Simple and Accurate Approach to Expression Proteomics" <i>Molecular and Cellular Proteomics</i> 1: 376-386.
PCW	10.	Paša-Tolić, Ljiljana et al. (1999) "High Throughput Proteome-Wide Precision Measurements of Protein expression Using Mass Spectrometry" <i>J. Am. Chem. Soc.</i> 121: 7949-7950.
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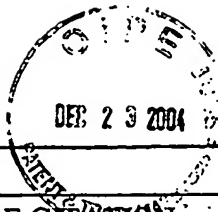
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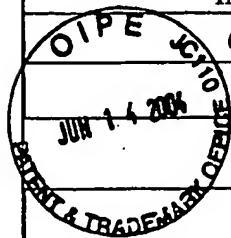
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pcu	12.	Veenstra, Timothy D. et al. (2000) "Proteome Analysis Using Selective Incorporation of Isotopically Labeled Amino Acids" <i>J. Am. Soc. Mass. Spectrom.</i> 11: 78-82.	
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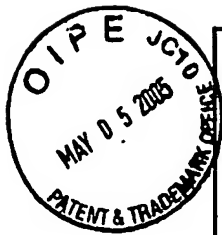
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Examiner Initials	Ref. No.	Title
PCY	1. ✓	Hellerstein, Marc K. "In Vivo Measurement of Fluxes Through Metabolic Pathways: The Missing Link in Functional Genomics and Pharmaceutical Research" <i>Annu. Rev. Nutr.</i> 23: 379-402, March 2003.

EXAMINER: <i>Parson</i>	DATE CONSIDERED: 9/30/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/664,513
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				First Named Inventor	Marc K. HELLERSTEIN
				Art Unit	1645
				Examiner Name	Not Yet Assigned
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
Pen	1.	US-4,332,784	06-01-1982	Smith et al.	
Pen	2.	US-5,439,803	08-08-1995	Ross et al.	
Pen	3.	US-6,653,076	11-25-2003	Franza, Jr. et al.	
Pen	4.	US-2003/0148533	08-07-2003	Malloy et al.	
Pen	5.	US-2003/0180710	09-25-2003	Lee et al.	
Pen	6.	US-2003/0180800	09-25-2003	Lee et al.	
Pen	7.	US-2003/0228259-A1	12-11-2003	Hellerstein	
Pen	8.	US-2004/0091943	05-13-2004	Schneider	
Pen	9.	US-2004/0115131-A1	06-17-2004	Hellerstein	
Pen	10.	US-2004/0152994	08-05-2004	Meier-Augenstein	
Pen	11.	US-2004/0253647	12-16-2004	Mathews et al.	
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Pen	14.	US-10/519,121	FD 09-15-2003	Hellerstein	
	15.	US-10/523,250	FD 01-26-2005	Hellerstein	not scanned
	16.	US-10/526,860	FD 09-04-2003	Hellerstein	not scanned
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Pen	19.	US-10/997,323	FD 11-23-2004	Hellerstein	
Pen	20.	US-11/064,197	FD 02-22-2005	Hellerstein	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
Pen	23.	WO-90/11371	10-04-1990	Anticancer, Inc.	
Pen	24.	WO-93/25705	12-23-1993	Barranco	
Pen	25.	WO-03/061479-A1	07/31/2003	Hellerstein	
Pen	26.	WO-03/068919-A2	08/21/2003	Hellerstein	
Pen	27.	WO-03/087314-A2	10/23/2003	Hellerstein	
Pen	28.	WO-04/003493-A2	01/08/2004	Hellerstein	
Pen	29.	WO-04/011426-A2	02/05/2004	Hellerstein	
Pen	30.	WO-04/021863-A2	03/18/2004	Hellerstein	
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Pen	32.	WO-04/025270-A2	03/25/2004	Hellerstein	

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PC~	33.	WO-04/042360-A2	05/21/2004	Hellerstein		
PC~	34.	WO-05/009597-A2	02/03/2005	Hellerstein		
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PC~	36.	WO-05/033652-A2	04/14/2005	Hellerstein		

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
PC~	37.	International Search Report mailed on January 19, 2005, for PCT application no. PCT/US03/29361 filed on September 15, 2003, 4 pages		
PC~	38.	International Search Report mailed July 8, 2004, for PCT patent application no. PCT/US03/27623 filed on September 4, 2003, 4 pages		
PC~	39.	International Search Report mailed on March 25, 2005, for PCT application no. PCT/US04/39722 filed on November 24, 2004, 3 pages		
PC~	40.	International Search Report mailed on August 20, 2004, for PCT application no. PCT/US03/10554 filed on April 4, 2003, 4 pages		
	41.	International Search Report mailed on July 9, 2004, for PCT application no. PCT/US03/35107 filed on November 4, 2003, 2 pages		not provided
	42.	International Search Report mailed on June 29, 2004, for PCT application no. PCT/US03/04183 filed on February 12, 2003, 4 pages		not provided
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PC~	45.	ADAMI, H.O. et al. (1995) "The Aetiology and Pathogenesis of Human Breast Cancer" <i>Mutation Research</i> 333: 29-35		
PC~	46.	ANDERSON, R.W. et al. (1998) "Direct HIV Cytopathicity Cannot Account for CD4 Decline in AIDS in the Presence of Homeostasis: A Worst-Case Dynamic Analysis" <i>J. AIDS and Human Retrovirology</i> 17:245-252		
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pcu	48.	BACH, Simon P. et al. (2000) "Stem Cells: The Intestinal Stem as a Paradigm" <i>Carcinogenesis</i> 21(3): 469-476	
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pcu	50.	BLACK, G.E. et al. (January 2001) "Labeling DNA with Stable Isotopes: Economical and Practical Considerations," <i>BioTechniques</i> 30:134-140	
pcu	51.	BLAU, K. and HALKET, J. eds. (1993) <u>Handbook of Derivatives for Chromatography</u> , 2nd Edition; John Wiley & Sons Ltd., England	
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pcu	54.	BUCY, R.P. et al. (1998) "Analysis of Lymph Node Biopsies in HIV Infected Patients Before and After HAART" <i>Abstract, 5th Conference on Retroviruses and Opportunistic Infections, Session 66</i> 519:177	
pcu	55.	CALDWELL, K.A. et al. (1993) "Quantification of Peptide Isotopomer Abundances and Determination of Protein (sic) Turnover Rates by Using Mass Isotopomer Distribution Analysis" <i>Abstract, 41st Annual Amer. Society Mass Spectrometry on Mass Spectrometry</i> , p. 331a.	
pcu	56.	CASSELLA, C.R. et al. (1997) "Mechanisms of Lymphocyte Killing by HIV" <i>Current Opinion in Hematology</i> 4:24-31	
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pcu	58.	COHEN, A. et al. (1983) "Purine and Pyrimidine Metabolism in Human T Lymphocytes," <i>J. Biol. Chem.</i> 258(20):12334-12340	
pcu	59.	COHEN, J. (1998) "Failure Isn't What It Used to Be...But Neither is Success" <i>Science</i> 279:1133-1134	
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pcu	61.	CRAIN, P.F. (1990) "Preparation and Enzymatic Hydrolysis of DNA and	

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pc~		RNA for Mass Spectrometry," <i>Meth. Enz.</i> 193:782-790	
pc~	62.	DEEKS, S. et al. (1998) "Viral Load and CD4+ T Cell Changes in Patients Failing Potent Protease Inhibitor Therapy" <i>Abstract, 5th Conference on Retroviruses and Opportunistic Infections, Session 53</i> , 419:158	
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pc~	67.	HELLERSTEIN, M.K. et al. (1997) "T Cell Turnover in HIV-1 Disease," <i>Immunity</i> 7:583-589 (Nov. 1997).	
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pc~	73.	LIPKIN, Martin et al. (1963) "Cell Proliferation Kinetics in the Gastrointestinal Tract of Man. I. Cell Renewal in Colon and Rectum" <i>Journal of Clinical Investigations</i> 42(6):767-776	
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pc	75.	MARGOLICK, J.B. et al. (1995) "Failure of T-cell Homeostasis Preceding AIDS in HIV-1 Infection," <i>Nature Medicine</i> , 1(7):674-680	
pc	76.	MCCLOSKEY, J.A. (1990) "Electron Ionization Mass Spectra of Trimethylsilyl Derivatives of Nucleosides," <i>Meth. Enz.</i> 193:825-841	
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pc	80.	MELLORS, J.W. et al. (1995) "Quantitation of HIV-1 RNA in Plasma Predicts Outcome after Seroconversion," <i>Ann. Intern. Med.</i> 122:573-579	
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pc	83.	MICHIE, C.A. et al. (1992) "Lifespan of Human Lymphocyte Subsets Defined by CD45 Isoforms," <i>Nature</i> 360:264-265	
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pc	88.	NEESE, R. A. et al. (Nov. 2002) "Measurement in vivo of Proliferation Rates of Slow Turnover Cells by ² H ₂ O Labeling of the Deoxyribose Moiety of DNA," <i>PNAS</i> , 99(24): 15345-15350	
pc	89.	OYAIZU, N. et al. (1995) "Role of Apoptosis in HIV Disease Pathogenesis," <i>J. of Clinical Immunology</i> 15(5):217-231	
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PC		<i>Medicine</i> 185(7):1381-1386	
PC	91.	PAPAGEORGOPOULOS, C. et al.(1993) "Toward the Measurement of Protein Synthesis by Mass Isotopomer Distribution Analysis (MIDA):Resolution of Isotopomers in a [d.sub.3]-Leucine Enriched Synthetic Oligopeptide Using Electrospray/Quadrupole Mass Spectrometry (ESI/MS)," <i>Abstract, Federation of American Societies for Experimental Biology</i> 1022:A177	
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			Application Number	10/664,513	
			Filing Date	September 16, 2003	
			First Named Inventor	Marc K. HELLERSTEIN	
			Art Unit	1645	
			Examiner Name	Not Yet Assigned	
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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

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Docket Number 416272003700

Application Number 10/664,513

Applicant

Marc K. HELLERSTEIN

Filing Date 09/16/2003

Group Art Unit 1645

Mailing Date January 27, 2004

U.S. PATENT DOCUMENTS

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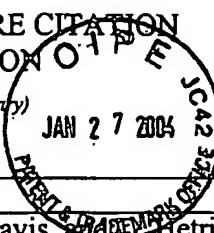
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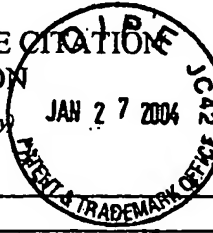
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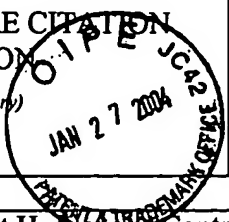
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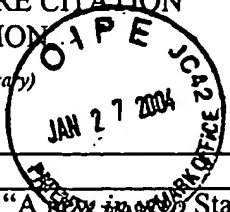


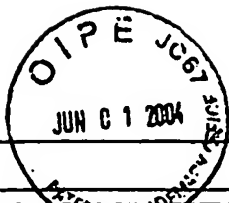
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		Filing Date 09/16/2003	Group Art Unit 1645
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Form PTO-1449	Docket Number 416272003700	Application Number 10/664,513
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Marc K. HELLERSTEIN	
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Mailing Date May 25 2004		

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